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EXAMINER

SHEET 1 OF 8 **FORM PTO - 1449** ATTY DOCKET NO.: SYP-101DV INFORMATION DISCLOSURE STATEMENT APPLICANT: JINDAL, et al. Divisional Application of U.S.S.N SERIAL NO.: 10/006,630 09/267,993 FILING DATE: December 5, 2001 U.S. PATENT DOCUMENTS SUB FILING DATE IF DOCUMENT EXAM. INIT. APPROPRIATE NUMBER DATE NAME CLASS CLASS ΛA 5,313,061 5/17/94 Drew et al. 250 281 AΒ 5,306,619 4/26/94 Edwards et al. 435 436 528 AC5,302.532 4/12/94 Lau 94 5,288,644 2/22/94 Beavis et al. 436 ΛD ۸E 5,285,064 2/8/94 Willoughby 250 288 89 422 ۸F 5.281,397 1/25/94 Ligon et al. FOREIGN PATENT DOCUMENTS ABSTRACT EXAM. DOCUMENT COUNTRY FILING ENGLISH INIT. NUMBER DATE CODE CLASS CLASS DATE ONLY LANG Y/N ВΑ WO 94/19694 01-SEP-94 07-JUL-94 PCT BB WO 94/14824 WO 94/06017 17-MAR-94 BC 0 614 989 A1 14.09.94 EPO BD WO94/15951 7/21/94 PCT BE WO93/07168 4/15/93 PCT BF BG 411503 02/6/91 EPO OTHER ART, JOURNAL ARTICLES, ETC. EXAM. OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication) INIT. Wiesmüller et al., "Novel Low-Molecular-Weight Synthetic Vaccine Against Foot-and-Mouth Disease Containing a C٨ Potent B-Cell and Macrophage Activator," Vaccine, 7:29-33 (February 1989). W. Kopaciewicz and F. E. Regnier, "A System for Coupled Multiple-Column Separation of Proteins," Analytical Biochemistry, 129:472-482 (1983). Waksman et al., "Binding of a High Affinity Phosphotyrosyl Peptide to the Src SH2 Domain: Crystal Structures of the Complexed and Peptide -Free Forms," Cell, 72:779-790 (March 12, 1993).

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					SERIAL NO.: Divisional Application of U09/267.993 10/000,			on of U.S.S.N.	
					FILING DATE:	Decemb	er 5, 2001		
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	ΛG	5.272.337	12/21/93	Thompson	et al.	250	288		
7	ΛН	5,270,170	12/14/93	Schatz et a	d.	435	7.37		
	Αl	5,270,163	12/14/93	Gold et al.		435	6		
\top	ΛJ	5,266.684	11/30/93	Rutter et a	l.	530	334		
	ΑK	5,240,616	8/31/93	Kato et al.		210	656		
Wh	ΛL	5,208,458	5/4/93	Busch et a	l.	250	288		
	<u> </u>	<u> </u>	OTHER A	RT, JOUR	NAL ARTICLES,	ETC.			
EXAM. NIT.	,				ate, Relevant Pages, P			i ha Ba Arana Cham	
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1	CF	Mandana Sassar	nfar & Jack W. Szo	stak,"An RN	A Motif that Binds ATP	"," Letters To !	Vature, pp. 5	50-553 (1993).	
	CG	i	on and Peter G. Scu		hod for the Continuous	Purification o	f Proteins by	Affinity Adsorption,"	
	СН	Huddleston et al., "Selective Detection of Phosphopeptides in Complex Mixtures by Electrospray Liquid Chromatography/Mass Spectrometry," J. Am Soc Mass Spectron, 4:710-717 (1993).							
	CI	1	rman and Tedd J. C on," <i>Analytical Bio</i>		rmination of a Monocle 7:241-247 (1994).	onal Antibody	Binding Acti	vity Using	
	Cl	Afeyan et al., "/	Automated Real-Tir	me Immunoas	say of Biomolecules," /	Nature, 358:60	3-604 (Augu	ist 1992).	
	СК	Tim Clackson at 1994).	nd James A. Wells,	,"In Vitro Sel	ection From Protein and	l Peptide Libra	ries," Tibtec	h. 12:173-184 (May	
1	Cl.	Dan Medynski.	"Synthetic Peptide	Combinatori	al Libraries," Bio/Techn	ology, 12:709	-710 (July 19	994).	
1/1	СМ								
M	ŀ	VII us Liverape	Arcolaten Cen i as	1011, 1700.71	ин. ясии. эст. Озя, эт.	1-5 (1774).			

FORM PTO - 1449					ATTY DOCKET NO.: SYP-101DV				
INFORM	ATION	DISCLOSURE	STATEMEN	T	APPLICANT:	JINDAL	JINDAL, et al.		
					SERIAL NO.:	Division: 09/267,9	Divisional Application of U.S.S.N. 09/267,993 40/006,630		
					FILING DATE:	Decemb	er 5, 2001		
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///[ΑМ	5,175,431	12/29/92	Eisele et a	I.	250	288		
1	AN	5,175.430	12/29/92	Enke et al.		250	282		
	AO	5,160,840	11/3/92	Vesta)		250	287		
	AP	5,143,852	9/1/92	Valkirs et	al.	436	501	1	
\top	ΛQ	5,077,195	12/31/91	Blalock et	al.	435	6	10/	
	AR	5,071,909	12/10/91	Pappin et a	ul.	525	54.1		
M(AS	5.045,694	9/3/91	Beavis et a	al.	250	287		
	<u> </u>		OTHER A	RT, JOUR	NAL ARTICLES, I	ETC.	<u>. 4:</u>		
EXAM. INIT.	OTHE	R DOCUMENTS	6: (Including Au	thor, Title, D	atc, Relevant Pages, Pl	ace of Public	ation)		
M	CN	Marks <i>et al.</i> , "Mo (August 15, 1992		n of Proteins o	n Filamentous Phage,"	J. of Biologica	al Chemistry	, 267:16007-16010	
	co		ıman Antibody Fr 11:1145-1149 (C		ific for Human Bolld Gr	oup Antigens	from a Phag	e Display Library,"	
·	СЪ	-	the Sequence Ve	rification of M	s II: the Use of Matrix-/ fethylphosphonate Oligo		•		
	CQ	Jamie K. Scott ar	nd Lisa Craig, "Ra	andom Peptide	Libraries," Analytical I	Biotechnology	, 5:40-48 (19	994).	
	CR	Richard A. Houg	hten, "Peptide Li	braries - Crite	ria and Trends," Trends	In Genetics, 9	(7):235-239	(July 1993).	
	CS	Günther Jung and Chemin Int. Ed. 1		•	Multiple Peptide Synthes	sis Methods ar	nd Their App	olications." Angewandte	
	CT	Glorgio Fassina (1992).	, "Oriented Immo	bilization of F	Peptide Ligands on Solid	Supports," J.	of Chromate	ography, 591:99-106	
	CU	Collet et al., "A 89:10026-1003	•	System for Sh	ufiling Combinatorial A	ntibody Librar	rics." Proc. N	iatl. Acad. Sci. USA.	
M	ÇV	Lam et al., "Rat 263:380-384 (I	-	otent, Bioava	ilable, Nonpeptide Cycli	c Ureas as HI	V Protease Ir	nhibitors," Science,	
		<u> </u>	SA			· · · · · ·	17/04	•	

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1//	ΔT	5,015,845	5/14/91	Allen et al	,	250	288	07	
7	AU	5,010,175	4/23/91	Rutter et a	d.	530	334		
	۸۷	5,003,059	3/26/91	Brennan		536	27	1	
	۸W	4.999,493	3/12/91	Allen et al		250	288		
M	AX	4,937.200	6/26/90	Kumazaw	a et al.	436	518		
- 6			OTHER.	ART, JOUR	NAL ARTICLES,	ETC.			
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11	CW	Joly et al., "Dis 686 (February		F Receptor Trai	Ticking by Mutation of	Its PI-3 Kinase	Binding Sit	es," <i>Science</i> , 263:684-	
)	CX	Regan et al., "Purification and Characterization of the Human Platelet α ₂ -Adrenergic Receptor," J. of Biological Chemistry, 261:3894-3900 (1986).							
	CY	Lomasney et al	., "Mammalian o	21-Adrenergic l	Receptor," J. of Biologic	cal Chemistry,	261(17):771	0-7716 (1986).	
	CZ	-	ntibody Redesig . <i>USA</i> , 88:11120		iffling from Random Co	mbinatorial In	ımunoglobul	in Libraries," Proc.	
	CAI	1			ne α2-Adrenergic Recep emistry, 261(8):3901-39		ne Nucleotic	le Regulatory Proteins	
	CB1	James W. Putn	ey Jr., "Exciteme	ent About Calci	um Signaling in Inexcit	able Cells," Sc	ience, 262:6	76-678 (October 1993	
	CCI		ogrammed Cell I 19 October 1993		ontrol of Cell Survival:	Lessons from	the Nervous	System," Science.	
l	CD1 Lovejoy et al., "Structure of the Catalytic Domain of Fibroblast Collagenase Complexed with an Inhibitor," Science, 263:375-377 (21 January 1994).								
	CDI				nain of Fibroblast Collag	genase Comple	xed with an	inhibilot." Science,	
	CDI	263:375-377 (2 Wlodawer et al	21 January 1994)). ic Cytokines: \$	Similarities and Differer				
		263:375-377 (2 Wlodawer et an Receptor Bindi Donald Van D	!1 January 1994] !., "Hematopoiet ing." <i>Protein Sci</i>	ic Cytokines: \$ ence, 2:1373-1 Increase the S	Similarities and Differer 382 (1993).	nces in the Stru	etures, with	Implications for	
21	CEI	263:375-377 (2 Wlodawer et al. Receptor Bindi Donald Van D Synthesis/Appl Richard Peters	21 January 1994) 1. "Hematopoiet ing." Protein Sci yke, "Software to ication Note, pp	ic Cytokines: \$ lence, 2:1373-1 b Increase the S . 11-12 (Octob deKinstry, "The	Similarities and Differer 382 (1993).	Assembly," So	ctures, with	Implications for	

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					SERIAL NO.:			on of U.S.S.N. 1004, 63		
					FILING DATE:	Decembe	г 5, 2001			
			U	.S. PATEN	T DOCUMENTS					
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SIT.		NUMBER	DATE	NAME		CLASS	CLASS	APPROPRIATE		
1M	ΛΥ	4,902,891	2/20/90	Vestal		250	281			
7	AZ	4,895,809	1/23/90	Schalbach	et al.	436	518			
	ΛΛΙ	4,883,958	11/28/89	Vestal		250	288			
	AВI	4,879,247	11/7/89	Ohlson		436	527	/		
	ΛCΙ	4,762,617	8/9/88	Stevens		210	635	15		
	ADI	4,705,616	11/10/87	Andresen o	et al.	204	299	1		
	ΛEΙ	4,205,058	5/27/80	Wagner et	al.	424	1			
	AFI	5,340,477	8/23/94	Kauvar		210	198.2			
21	AG1	5,252,216	10/12/93	Folena-Wasserman et al.		210	635			
, V			OTHER	ART, JOUR	NAL ARTICLES,	ETC.				
XAM. SIT.	ОТНЕ	R DOCUMENTS	: (Including A	uthor, Title, I)ate, Relevant Pages, I	Place of Public	ation)			
M	СНІ	Dr. Allen K. Me 26 (August 199	=	ar Models in E	nzyme Specificity Studi	ies," Scientific	Computing d	& Automation®, pp. 2.		
Ţ	CH	Stephen M. Edg Bio/Technology	•	_	nsduction: Will Control 193).	ling Phosphory	lation Cure	Disease?."		
	CJI			-	Preparative Chromatogra paration," Preparative C					
	CK1	Nigel Beeley. " Stability." Tibie			olecule Drug Design: T	owards Improv	ed Bioavaila	bility and in vivo		
	CL1	Wiesław M. Ka /2:216-218 (Ju		ent Advances in	n the Design and Synthe	sis of Small-M	olecule Mim	etic Drugs." Tibtech.		
	CM1	1			on Ionization Time-of-F Modified Oligonucleotid					
1	CNI	1 2 2	•	•	isplay of an Immunoglo	bulin-Binding	Domain of S	taphylococcus Aureus		
Oh		Protein A." <i>Bio/Technology</i> , 12:169-172 (February 1994).								

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			SERIAL NO.:	Divisional Application of U.S.S.N. 09/267,993 10/006, 63 D				
			FILING DATE:	December 5, 2001				
		OTHER ART, JOUR	NAL ARTICLES, I	ETC.				
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M	COI	Stierandovå et al., "Peptide-Encoding for Structure Determination of Nonsequenceable Polymers Within Librarie Synthesized and Tested on solid-Phase Supports," <i>Peptide Research</i> , 6(3):161-170 (1993).						
r	CP1	Lam et al., "Rational Design of Potent, Bioavailable, Nonpeptide Cyclic Ureas as HIV Protease Inhibitors," Science 263:380-384 (21 January 1994).						
	CQI	David G. Alberg and Stuart L. Schreiber, "Structure-Based Design of a Cyclophilin-Calcineurin Bridging Ligand," Science, 262:248-250 (8 October 1993).						
	CRI	Robert L. Stevenson, "ISPPP '94," Application	Note, pp. 41-42 (April	1995).				
	CSI	Songyang et al., "SH2 Domains Recognize Specific Phosphopeptide Sequences," Cell, pp. 767-778 (1993).						
	CTI	Susan I Danheiser, "Structure-Based Small Molecule Design Emerges as Key Biotech Drug Development Strategy," Genetic Engineering News, p. I. p. 36 (July 1993).						
	CUI	Jenison et al., "High-Resolution Molecular Di	scrimination by RNA," S	cience, 263:1425-1429 (11 March 1994).				
	CV1	Moyle et al., "Co-Evolution of Ligand-Recept	or Pairs," Nature, 368:25	1-255 (17 March 1994).				
	CWI	Peter J. Schatz, "Use of Peptide Libraries to M Residue Consensus Peptide Specifies Biotinyl 1993).	•					
	CX1	Jeffrey W. Jacobs and Stephen P. A. Fodor, "C Synthesis," <i>Tiblech</i> , 12 (January 1994).	Combinatorial Chemistry	-Applications of Light-Directed Chemical				
	CYI	Waksman et al., "Binding of a High Affinity I Complexed and Peptide-Free Forms," Cell, 72		o the Src SH2 Domain: Crystal Structures of the 93).				
	CZI	Chait et al., "Protein Ladder Sequencing," Sci	ence, 262:89-92 (1 Octo	ber 1993).				
	CA2	Furka et al., "General Method for Rapid Synthesis of Multicomponent peptide Mixtures," Peptide & Protein Research 37:487-493 (1991).						
	CB2	Deres et al., "In Vivo Priming of Virus-Specific Cytotoxic T Lymphocytes with Synthetic Lipopeptide Vaccine," Nati 342:561-564 (30 November 1989).						
	CC2	Yarovsky et al., "High Performance Liquid Cl Chromatography, 660:75-84 (1994).	nromatography of Amino	Acids. Peptides and Proteins," J. of				
M	CD2		Progesterone from Pregna	to Orphan Receptors Belonging to the Steroid ancy Plasma Using Progesterone Receptor Ligand-				
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		OTHER ART, JOUR	RNAL ARTICLES,	ETC.			
EXAM. NIT.	OTHE	R DOCUMENTS: (Including Author, Title, I	Oate, Relevant Pages, F	Place of Publication)			
M	CE2	Youngquist et al., "Matrix-Assisted Laser Des Biologically Active Peptides Isolated From Su Mass Spectrometry, 8:77-81 (1994).		apid Determination of the Sequences of orial Peptide Libraries," Rapid Communications is			
	CF2	Brooks Shera, "Speed Sorts Molecules," Insid	e R & D, 22(35):1-2 (Se	ptember 1, 1993).			
1	CG2	Stringham et al., "Selective Non-Adsorption F Phase Selection and Alternative Modes of Sep		phy: An Examination of Throughput, Mobile hromatography, 1(2):179-193 (1989).			
	CH2	CH2 Stefan Stevanovic and Gunther Jung, "Multiple Sequence Analysis: Pool Sequencing of Synthetic and Natu Libraries," <i>Analytical Biochemistry</i> , 212:212-220 (1993).					
	CI2	Steven A. Benner, "Catalysis: Design Versus	Selection," Science, 261	7:1402-1403 (10 September 1993).			
1	CJ2 Edward J. Reber and Carl O. Pabo, "Zinc Finger Phage: Affinity Selection of Fingers with New DNA-Bit Specificities," Science, 263:671-673 (4 February 1994).						
	CK2	Chaiken, IM, "Analytical Affinity Chromatog Chromatogr. 376:11-32 (1986).	raphy In Studies Of Mo	ecular Recognition In Biology: A Review," J.			
	C1.2	Kerr, JM et al., "Identification Of Antibody N Synthetic Peptide Library Affinity Selection N		fon-Natural Amino Acids By Recombinant And Chem. Lett. 3:463-468 (1993).			
	CM2	Zuckermann, RN et al., "Identification Of Hig Mixtures Generated By Robotic Synthesis," P					
	CN2	Chen, Z. et al., "Identification Of A Soluble S PNAS. 88:8179-8183 (1991).	alicylic Acid-Binding P	rotein That May Function In Signal Transduction			
	CO2	Lu et al., "The Identification and Characteriza J. Biol. Chem., 264(23):13546-13558 (1989).		ors Involved in HeLa Cell-Substratum Adhesion,			
	CP2	Houghten et al., "The Use of Synthetic Peptid Biotechniques, 13(3): 412-421 (1992).	e Combinatorial Librari	es for the Identification of Bioactive Peptides,"			
	CQ2	Houghten, "Soluble Combinatorial Libraries: A Companion to Methods in Enzymology, 6:3		d Repertoire of Chemical Diversity," METHODS			
	CR2	Janis et al., "Dual-Column Immunoassays Us (1989).	ing Protein G Affinity C	hromatography," Anal. Chem., 61:1901-1906			
	CS2	Fassina et al., "Design of hydropathically con Peptide. Res., 39:540-548 (1992).	nplementary peptides for	Big Endothelin affinity purification," Int. J.			
M	CT2			Study of Copper-II with a High Molecular Weig ct. A, Inorg. Phys. Theor. Anal., 28(9):814-816			

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FORM	PTO - 144	9	ATTY DOCKET N	ATTY DOCKET NO.: SYP-101DV				
INFOR	MATION	DISCLOSURE STATEMENT	APPLICANT:	JINDAL, et al.				
			SERIAL NO.:	Divisional Application of U.S.S.N. 09/267,993 10/001,630				
			FILING DATE:	December 5, 2001				
		OTHER ART, JO	OURNAL ARTICLES,	ETC.				
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